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Substitute for form 1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number 71179/US04

First Named Inventor Sheppard et al.

COMPLETE IF KNOWN

Application Number 10/645,734

Filing Date August 21, 2003

Group Art Unit 1625

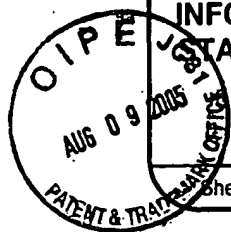
Examiner Name Taylor V. Oh

Sheet

1

of

2



U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
✓		4,588,414		Takegami et al.	05-13-1986
		4,707,274		Donhauser et al.	11-17-1987
		4,812,233		Coenen et al.	03-14-1989
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Examiner
Signature

[Handwritten Signature]

Date
Considered

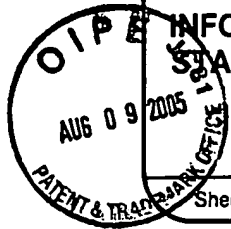
10/4/03

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Sheet

2

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20	5,955,394	Kelly	09-21-1999
	6,228,215	Hoffman, Jr.	05-08-2001
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
20		GB	983,677		Mitsui Petrochemical Industries, Ltd.	02-17-1965	
		GB	1 358 520		Institut Francais du Petrole	07-03-1974	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
20		Letter to the Examiner Dated January 6, 2004 for U.S. Application number 10/645,734.	

Examiner
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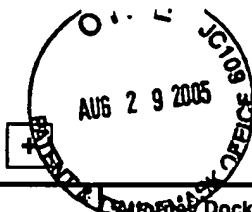
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				First Named Inventor	Sheppard et al.
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				Group Art Unit	1625
Sheet	1	of	1	Examiner Name	Taylor V. Oh

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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
JP		EP	0111784	B1	Kuraray Yuka Co., Ltd.	02-05-1986	
↓		WO	99/31038	A1	Shell Internationale Research	06-24-1999	

Examiner Signature		Date Considered	10/4/05
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